

ABSTRACT OF THE DISCLOSURE

The invention relates to plug-compatible modular thermal management packages of small elevated temperature devices that act as easily replaceable
5 miniaturized sources of power, heat, or chemical reaction products. The modules may be solid oxide fuel cells, combustion heat generators, or miniature chemical reactors. The devices operate at elevated temperature in sealed, insulated thermal envelopes. The technology permits such devices to operate in a thermally efficient manner that minimizes heat loss to the environment. The thermal management
10 packages are easily replaceable when spent.